## B. AMENDMENTS TO THE CLAIMS

1. (previously presented) A method for preventing malicious network attacks said method comprising:

receiving a packet from a client computer;

identifying the client computer by a source IP address; calculating a number of packets received using the source IP address during a time interval;

comparing the number of packets received with one or more configuration settings;

determining an action from a plurality of actions based on the comparing; and executing the action.

- 2. (Canceled)
- 3. (previously presented) The method as described in claim 1 wherein the calculating further includes: identifying a client data area based on the source IP address, the client data area including the number of packets received; and
- 4. (Canceled)
- 5. (Original) The method described in claim 1 further comprising:

incrementing the number of packets received.

receiving a socket request from the client computer;

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determining a number of sockets opened for the client computer;

comparing the number of sockets opened to a socket limit; and

determining whether to allow a socket request based on the comparison.

- 6. (Canceled)
- 7. (previously presented) The method described in claim 1 further comprising:

providing a test script, the test script including one or more attack simulations;

processing the attack simulations included in the test script;

determining whether to change one or more of the configuration settings based on the processing; and changing one or more of the configuration settings based on the determination.

8. (previously presented) An information handling system comprising:

one or more processors;

a memory accessible by the processors;

one or more nonvolatile storage devices accessible by the processors;

a network interface for receiving packets from a computer network; and

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an a packet handling tool to manage packets received from the network interface, the packet handling tool including:

means for receiving a packet from a client computer through the network interface;

means for identifying the client computer by a source IP address;

means for calculating a number of packets received using the source IP address during a time interval;

means for comparing the number of packets received with one or more configuration settings;

means for determining an action from a plurality of actions based on the comparing; and means for executing the action.

- 9. (Canceled)
- 10. (previously presented) The information handling system as described in claim 8 wherein the means for calculating further includes:

means for identifying a client data area based on the source IP address, the client data area including the number of packets received; and

means for incrementing the number of packets received.

11. (Original) The information handling system as described in claim 8 further comprising:

means for receiving a socket request from the client computer;

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means for determining a number of sockets opened for the client computer;

means for comparing the number of sockets opened to a socket limit; and

means for determining whether to allow a socket request based on the comparison.

- 12. (Canceled)
- 13. (previously presented) The information handling system as described in claim 8 further comprising:

means for providing a test script, the test script including one or more attack simulations;

means for processing the attack simulations included in the test script;

means for determining whether to change one or more of the configuration settings based on the processing; and means for changing one or more of the configuration settings based on the determination

14. (previously presented) A computer program product for preventing malicious network attacks, said computer program product comprising:

means for receiving a packet from a client computer;
means for identifying the client computer by a source IP
address;

means for calculating a number of packets received using the source IP address during a time interval;

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means for comparing the number of packets received with one or more configuration settings;

means for determining an action from a plurality of actions based on the comparing; and means for executing the action.

- 15. (Canceled)
- 16. (previously presented) The computer program product as described in claim 14 wherein the calculating further includes:

means for identifying a client data area based on the source IP address, the client data area including the number of packets received; and

means for incrementing the number of packets received.

- 17. (Canceled)
- 18. (Original) The computer program product described in claim 14 further comprising:

means for receiving a socket request from the client computer;

means for determining a number of sockets opened for the client computer;

means for comparing the number of sockets opened to a socket limit; and

means for determining whether to allow a socket request based on the comparison.

19. (Canceled)

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20. (previously presented) The computer program product described in claim 18 further comprising:

means for providing a test script, the test script including one or more attack simulations;

means for processing the attack simulations included in the test script;

means for determining whether to change one or more of the configuration settings based on the processing; and means for changing one or more of the configuration settings based on the determination.

21. (previously presented) The method of claim 1 wherein the configuration settings include a first limit and a second limit, the method further comprising:

determining that the number of packets exceeds the first limit;

sending a notification in response to determining that the number of packets exceeds the first limit;

receiving a subsequent packet from the client computer; incrementing the number of packets in response to

determining that the incremented number of packets exceeds the second limit; and

receiving the subsequent packet;

rejecting the subsequent packet in response to determining that the incremented number of packets exceeds the second limit.

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- 22. (previously presented) The method of claim 1 wherein the configuration settings include a historical usage corresponding to the client computer, the method further comprising: determining that the number of packets is higher than the historical usage; and sending a notification in response to determining that the number of packets is higher than the historical usage.
- 23. (previously presented) The information handling system of claim 8 wherein the configuration settings include a first limit and a second limit, the information handling system further comprising:

means for determining that the number of packets exceeds the first limit;

means for sending a notification in response to determining that the number of packets exceeds the first limit;

means for receiving a subsequent packet over the network interface from the client computer;

means for incrementing the number of packets in response to receiving the subsequent packet;

means for determining that the incremented number of packets exceeds the second limit; and

means for rejecting the subsequent packet in response to determining that the incremented number of packets exceeds the second limit.

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- 24. (previously presented) The information handling system of claim 8 wherein the configuration settings include a historical usage corresponding to the client computer, the information handling system further comprising: means for determining that the number of packets is higher than the historical usage; and means for sending a notification in response to determining that the number of packets is higher than the historical usage.
- 25. (previously presented) The computer program product of claim 14 wherein the configuration settings include a first limit and a second limit, the computer program product further comprising:

means for determining that the number of packets exceeds the first limit;

means for sending a notification in response to determining that the number of packets exceeds the first limit;

means for receiving a subsequent packet from the client computer;

means for incrementing the number of packets in response to receiving the subsequent packet;

means for determining that the incremented number of packets exceeds the second limit; and

means for rejecting the subsequent packet in response to determining that the incremented number of packets exceeds the second limit.

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- 26. (previously presented) The computer program product of claim 14 wherein the configuration settings include a historical usage corresponding to the client computer, the computer program product further comprising: means for determining that the number of packets is higher than the historical usage; and means for sending a notification in response to determining that the number of packets is higher than the historical usage.
- 27 (New) A method for preventing malicious network attacks on a server computer from a client computer that accesses the server computer via a computer network, said method comprising:

executing a test script that includes one or more attack simulations from the client computer, the execution of the test script including:

receiving, at the server computer, one or more packets from the client computer and one or more open socket requests from the client computer; deciding a packet threshold for the client computer, the deciding including:

determining a number of packets received from the client computer during a time interval; incrementing the number of packets received from the client computer; and comparing the number of packets received with a

packet limit stored at the server computer;

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computing an open socket threshold for the client computer, the computing including:

determining a number of opened sockets for the client computer;

incrementing the number of opened sockets for the client computer;

comparing the number of sockets opened for the client computer to a socket limit stored at the server computer; and

evaluating the packet limit and the socket limit used during the attack simulations, the evaluating including:

analyzing the performance of the server computer during the simulation; and adjusting a server configuration setting based on the analysis, wherein the adjusted server configuration setting is selected from a group consisting the stored packet limit and the stored socket limit.

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